

**SOLAR RADIO NOISE STORM AT 150.9 MHZ**  
**FROM NANÇAY RADIOHELIOGRAPH**

**SEPTEMBER 2013**

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES <sup>1</sup>		IMP <sup>2</sup>	OBSERVING TIME <sup>3</sup>	
	E-W	S-N		START( UT)	END(UT)
01/09/13	-0.38	+0.32	I	08H22 E	15H21 D
02/09/13	-0.07	+0.13	I	08H21 E	15H20 D
19/09/13	-1.05	-0.37	I	13H17	15H15 E
20/09/13	-0.73	-0.35	I	11H04	15H14 D
21/09/13	-0.81	-0.41	I	08H15 E	11H20
22/09/13	-0.49	-0.35	I	08H15 E	15H13 D
22/09/13	+1.34	-0.62	I	11H37	15H13 D
23/09/13	-0.16	-0.48	III	08H14 E	15H13 D

**SOLAR RADIO NOISE STORM AT 327 MHZ**  
**FROM NANÇAY RADIOHELIOGRAPH**

**SEPTEMBER 2013**

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES <sup>1</sup>		IMP <sup>2</sup>	OBSERVING TIME <sup>3</sup>	
	E-W	S-N		START( UT)	END(UT)
01/09/13	-0.36	+0.20	I	08H22 E	15H21 D
02/09/13	+0.12	-0.06	I	08H21 E	15H20 D
03/09/13	+0.40	+0.00	I	08H21 E	13H03

<sup>1</sup> POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

<sup>2</sup> IMP1: FLUX < 5 SFU    IMP2: 5 < FLUX < 20 SFU    IMP3: 20 < FLUX < 100 SFU  
 IMP4: 100 < FLUX < 300 SFU    IMP5 > 300 SFU

<sup>3</sup> E    NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS  
 D    NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

05/09/13	+0.84	-0.45	I	08H20 E	15H19 E
19/09/13	-0.86	-0.45	I	13H29	15H15 D
20/09/13	-0.68	-0.44	I	08H15 E	15H14 D
21/09/13	-0.57	-0.33	I	08H15 E	15H14 D
21/09/13	-0.41	-0.52	I	08H15 E	15H14 D
22/09/13	-0.31	-0.37	I	08H15 E	15H13 D
23/09/13	-0.13	-0.43	I	08H14 E	15H13 D
24/09/13	+0.12	-0.44	I	08H14 E	15H13 D

09, 25, 26 September 2013 : NO DATA

### **OTHERS DAYS: NO DETECTABLE NOISE STORM**

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a more detailed analysis leading to increase uncertainties in the deviation, the positions which are indicated are estimated within 0.2 R

\*\* Following a large burst

\*\*\* importance not well determined due to the proximity of the very strong other source

\*\*\*\* no flux measurements available